

SPECIFICATIONS

Ducted Split System - 60Hz and 50Hz

Model Number	DS025	WGS40
Performance		
Net Cooling * Total Sensible	Total/Sensible @115V	Total/Sensible @220-240V
@10 Deg F (minus 12 Deg C) condenser inlet air	4000/3100 BTUH	1140/879 Watts
@40 Deg F (4 Deg C) condenser inlet air	3700/3100 BTUH	1140/937 Watts
@60 Deg F (15 Deg C) condenser inlet air	3400/3000 BTUH	1115/860 Watts
@70 Deg F (21 Deg C) condenser inlet air	3600/3000 BTUH	1110/850 Watts
@80 Deg F (27 Deg C) condenser inlet air	3400/3100 BTUH	1055/835 Watts
@100 Deg F (32 Deg C) condenser inlet air	3100/2700 BTUH	965/730 Watts
@115 Deg F (46 Deg C) condenser inlet air	2900/2500 BTUH	850/675 Watts
@122 Deg F (50 Deg C) condenser inlet air	2400/2400 BTUH	640/640 Watts
Controls		
Type	Room mounted non-programmable combination thermostat humidistat	
Temperature Accuracy/RH% Accuracy	+/- 1 Deg F / +/- 10% RH	
Fan-coil Section	Rated Watts	Rated Watts
Fan Motor Size	90 Rated Watts	85 Rated Watts
Rated Air Flow (free blow)	230 CFM	390 M ³ /h
Heat (Option)		
Type	Electric	Electric
Capacity	1000 Watts	1000 Watts
Humidifier (Option)		
Type	Removeable drip pad with integral fan	
Capacity - water temp of 60 Deg F (15 Deg C)	0.42 lbs/hr	1.19 kg/hr
Capacity - water temp of 90 Deg F (32 Deg C)	0.97 lbs/hr	1.44 kg/hr
Capacity - water temp of 120 Deg F (49 Deg C)	1.11 lbs/hr	1.5 kg/hr
Electrical Requirements - Evaporator Section		
Power	115 Volt /1 phase /60Hz	220-240Volts /1 phase / 50Hz
Current Draw - Cooling mode	0.8 Amps	0.4 Amps
Current Draw - Heating mode	9.4 Amps	4.75 Amps
Minimum Circuit Size (w/heat option)	11.6Amps	5.84 Amps
Optional Humidifier	0.3 Amps	0.3 Amps
Cabinet - Evaporator Section		
Fan coil construction	Aluminum	
Finish	Black - textured epoxy powder coat	
Weight	25 lbs	11.3 kg
Length	16.7 inches	42.5 cm
Width	14.0 inches	35.6 cm
Height	14.1 inches	35.8 cm
Condensate Drain	0.5 inches	12.7 mm
Condensing Unit		
	DS025 Cond	WGS40 Cond
Nominal Compressor	3.1 Amps	2.6 Amps
Fan Motor Size	75 Watts	68 Watts
Rated Air Flow (free blow)	500 CFM	850 M ³ /h
Weight	75 lbs	34 kg
Enclosure - Condensing Unit		
Construction	Aluminum	Aluminum
Finish	Powder-coated	Powder-coated
Length	9.0 inches	22.86 cm
Width	34.0 inches	86.36 cm
Height	25.12 inches	63.80 cm
Electrical Requirements - Condensing Unit		
Power	208/230 Volts /1 Phase /60Hz	220-240 Volts /1 Phase /50Hz
MCA	4.2 Amps	3.7 Amps
MOP	8.0 Amps	7.0 Amps
Agency Approval(s)		
	ETLc	CE

1. Net cooling capacity at entering temperature and humidity conditions of 57 Deg F (14 Deg C) and 55% RH at rated airflow. Reduce capacity by 3% for each 10% reduction in evaporator airflow.

2. Wine Guardian reserves the right to make changes to this document without prior notice at its sole discretion.

3. All ratings at sea level.